

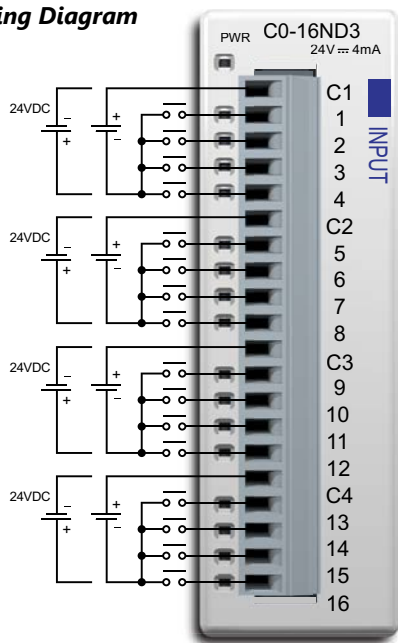
CLICK Stackable I/O Module Specifications

C0-16ND3

16-Point Sink/Source DC Input Module

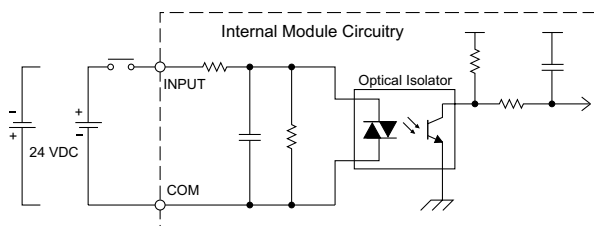
16-point 24VDC current sinking or sourcing input module, 4 commons, isolated, removable terminal block included (replacement AutomationDirect p/n [C0-16TB](#)).

Wiring Diagram

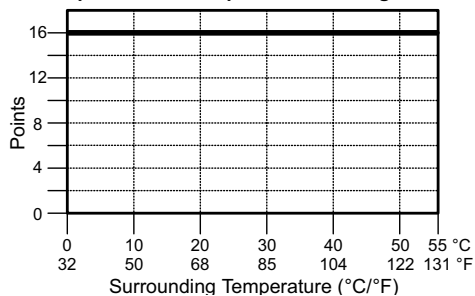


| Input Specifications | |
|-----------------------------------|--|
| Inputs per Module | 16 (Sink/Source) |
| Input Voltage Range | 21.6–26.4 VDC |
| Operating Voltage Range | 24VDC |
| Input Current | Typ 4.0 mA @ 24VDC |
| Maximum Input Current | 5.0 mA @ 26.4 VDC |
| Input Impedance | 6.8 kΩ @ 24VDC |
| ON Voltage Level | > 19VDC |
| OFF Voltage Level | < 7VDC |
| Minimum ON Current | 3.5 mA |
| Maximum OFF Current | 0.5 mA |
| OFF to ON Response | Max. 10ms Typ. 2ms |
| ON to OFF Response | Max. 10ms Typ. 3ms |
| Status Indicators | Logic Side (16 points, green LED) Power Indicator (green LED) |
| Commons | 4 (4 points/common) Isolated |
| Bus Power Required (24VDC) | Max. 40mA (All Inputs On) |
| Terminal Block Replacement | AutomationDirect p/n C0-16TB |
| Weight | 3.2 oz (90g) |

Equivalent Input Circuit



Input Module Temperature Derating Chart



ZIPLink Pre-Wired PLC Connection Cables and Modules for CLICK PLC

- 20-pin connector cable
- [ZL-C0-CBL20](#) (0.5 m length)
- [ZL-C0-CBL20-1](#) (1.0 m length)
- [ZL-C0-CBL20-2](#) (2.0 m length)



ZL-RTB20
20-pin feed-through
connector module



ZL-LTB16-24-1 sensor
input module

CLICK Stackable I/O Module Specifications

General Specifications For All CLICK Stackable I/O Modules

These general specifications apply to all CLICK Stackable I/O Modules. Please refer to the appropriate I/O temperature derating charts under the PLC (CLICK PLC with built-in I/O), Option Slot module (CLICK PLUS only), and Stackable I/O module specification to determine best operating conditions based on the ambient temperature of your particular application.



NOTE: These modules are available to use with CLICK or CLICK PLUS systems.

| General Specifications | |
|------------------------------|---|
| Operating Temperature | Analog, analog combo I/O modules only: 32°F to 140°F (0°C to 60°C); All other modules: 32°F to 131°F (0°C to 55°C), IEC 60068-2-14 (Test Nb, Thermal Shock) |
| Storage Temperature | -4°F to 158°F (-20°C to 70°C) IEC 60068-2-1 (Test Ab, Cold) IEC 60068-2-2 (Test Bb, Dry Heat) IEC 60068-2-14 (Test Na, Thermal Shock) |
| Ambient Humidity | 30% to 95% relative humidity (non-condensing) |
| Environmental Air | No corrosive gases. Environmental pollution level is 2 (UL840) |
| Vibration | MIL STD 810C, Method 514.2, EC60068-2-27, Category [f], Procedure[VIII] JIS C60068-2-27 (Sine wave vibration test) |
| Shock | MIL STD 810C, Method 516.2, IEC60068-2-27, JIS C60068-2-27, Category [f], Procedure[VIII] |
| Noise Immunity | <EN61131-2> EN61000-4-2 (ESD) EN61000-4-3 (RFI) EN61000-4-4 (FTB) EN61000-4-5 (Surge) EN61000-4-6 (Conducted) EN61000-4-8 (Power frequency magnetic field immunity) <Local Test> Impulse noise 1µs, 1000V RFI: No interference measured at 150 and 450 MHz (5w/15cm) |
| Emissions | EN55011:1998 Class A; EN61000-6-4:2007+A1:2011 |
| Agency Approvals | UL508, UL61010-2-201 (File No. E157382, E316037); CE (EN61131-2); CUL Canadian C22.2 |
| Other | RoHS 2011/65/EU Amendment (EU)2015/863 |

Power Supplies

Power Supplies

The CLICK PLC family offers two 24VDC power supplies. They are identical except for the output current.

It is not mandatory to use one of these CLICK power supplies for the CLICK/CLICK PLUS PLC system. You can use any other 24VDC power supply that AutomationDirect.com offers, including the PSP24-DC12-1 12 to 24 VDC converter shown below.

CO-00AC Power Supply

Limited auxiliary AC power supply allows you to power the 24VDC CLICK C0 and C2 series PLCs with 100–240 VAC supply power. The 0.5 A DC power supply is capable of controlling the PLC plus a limited configuration based on the power budget of each I/O module. The CO-00AC is a low-cost solution for applications requiring only minimal I/O and power consumption. This power supply will not support a fully-populated CLICK PLC system with all possible I/O module combinations.

CO-01AC Power Supply

Expanded auxiliary AC power supply allows you to power the 24VDC CLICK C0 and C2 series PLCs with 100–240 VAC supply power. The 1.3 A DC power supply is capable of supporting a fully-populated CLICK PLC system with all possible I/O module combinations, with no concerns for exceeding the power budget.

PSP24-DC12-1 DC-DC Converter

With this DC-DC converter you can operate the CLICK/CLICK PLUS PLC with 12VDC input power.

CO-00AC



CO-01AC



CLICK 24VDC Power Supply Ratings

| Part Number | Output Current | Price |
|-------------|----------------|-------|
| CO-00AC | 0.5 A | |
| CO-01AC | 1.3 A | |

CO-00AC Power Supply Input Specifications

| Part Number | CO-00AC | CO-01AC |
|-------------------------|-----------------------------------|-----------------------------------|
| Input Voltage Range | 85–264 VAC | |
| Input Frequency | 47–63 Hz | |
| Input Current (typical) | 0.3 A @ 100VAC, 0.2 A @ 200VAC | 0.9 A @ 100VAC, 0.6 A @ 200VAC |
| Inrush Current | 30A | |
| Efficiency | 80% typical | |

CO-00AC Power Supply Output Specs

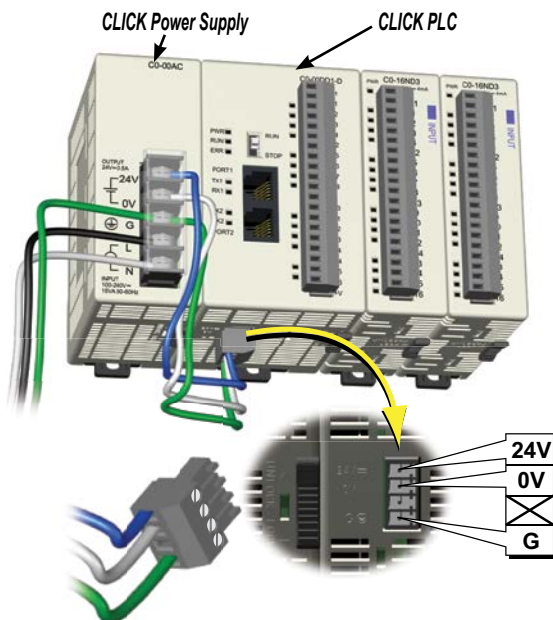
| Part Number | CO-00AC | CO-01AC |
|-------------------------|------------------------------------|---------------------------------|
| Output Voltage Range | 23–25 VDC | |
| Output Current | 0.5 A | 1.3 A |
| Ripple | 200mV p-p max (0–55°C) | |
| Ripple Noise | 300mV p-p max (0–55°C) | |
| Over Current Protection | @ 0.65 A (automatic recovery) | @ 1.6 A (automatic recovery) |
| Over Voltage Protection | @ 27.6 V (clamped by Zener diode) | |
| Start-up Time | 1000ms max at rated input and load | |
| Hold-up Time | 10ms minimum at 85VAC, I=max | |

CO-00AC Power Supply General Specs

| Part Number | CO-00AC | CO-01AC |
|-------------------------------|--|---------------|
| Ambient Operating Temperature | 32–131°F [0–55°C] | |
| Storage Temperature | –4–158°F [–20–70°C] | |
| Humidity | 30–95%, non-condensing | |
| Vibration Resistance | JIS C60068-2-6, sine wave vibration | |
| Shock Resistance | JIS C60068-2-27 | |
| Voltage Withstand | | |
| Input-Output | 1500VAC, 5mA cutoff current | |
| Input-Ground | 1500VAC, 5mA cutoff current | |
| Output-Ground | 500VAC, 5mA cutoff current | |
| Insulation Resistance | | |
| Input-Output | 10MΩ minimum, 500VDC | |
| Input-Ground | 10MΩ minimum, 500VDC | |
| Output-Ground | 5MΩ minimum, 500VDC | |
| Noise Immunity | FCC Class A, EN55022:1998 Class A | |
| Input/Output Interface | 5P terminal block, Fujicon UF2362AX series or equivalent | |
| Agency Approvals | UL508, UL1604, EN61010-1 (IEC 1010-1), CAN/CSA E60079-15:02, JIS C0025 | |
| Weight | 5.3 oz [150g] | 6.0 oz [170g] |

PSP24-DC12-1 DC-DC Converter Specs

| | |
|--------------------------|---------------------------------|
| Input Voltage Range | 9.5–18 VDC |
| Input Power (no load) | 1.0 W max. |
| Startup Voltage | 8.4 VDC |
| Undervoltage Shutdown | 7.6 VDC |
| Output Voltage Range | 24–28 VDC (adjustable) |
| Output Current | 1.0 A |
| Short Circuit Protection | Current limited at 110% typical |
| Weight | 7.5 oz (213g) |



24VDC power is supplied to the PLC unit through wiring connected from the power supply output to the 4-pin 24VDC input connector located on the bottom of the PLC unit.



PSP24-DC12-1

Power Budgeting

Power Budgeting

There are two areas to be considered when determining the power required to operate a CLICK PLC system. The first area is the power required by the PLC, along with the internal logic side power that the CPU provides to its own I/O and any connected I/O modules that are powered through the PLC expansion port; plus any device, such as a **C-more** Micro-Graphic panel, that is powered through one of the communications ports.

The second area is the power required by all externally connected I/O devices. This should be viewed as the field side power required. The field side power is dependent on the voltage used for a particular input or output device as it relates to the wired I/O point, and the calculated load rating of the connected device.

It is strongly recommended that the power source for the logic side be separate from the power source for the field side to help eliminate possible electrical noise.

Power budgeting requires the calculation of the total current the 24VDC power source needs to provide to CLICK's logic side, and also a separate calculation of the total current required for all devices operating from the field side of the PLC system.

Refer to the Power Budgeting example shown on the following page. The table shows required current for a CLICK PLUS PLC, two I/O modules, and a **C-more** Micro. Use the total amperage values to select the properly sized power supply.



CLICK 24VDC Power Supply
C0-00AC or C0-01AC



Other 24VDC Power Supply
Example: PSP24-060S

Power Consumption for CLICK PLC Units

| PLC Current Consumption (mA) | | |
|------------------------------------|---------------------------------|-----------------------------|
| Part Number | Power Budget 24VDC (logic side) | External 24VDC (field side) |
| Basic PLC Units | | |
| C0-00DD1-D | 120 | 60 |
| C0-00DD2-D | 120 | 0 |
| C0-00DR-D | | |
| C0-00AR-D | | |
| Standard PLC Units | | |
| C0-01DD1-D | 140 | 60 |
| C0-01DD2-D | 140 | 0 |
| C0-01DR-D | | |
| C0-01AR-D | | |
| Analog PLC Units | | |
| C0-02DD1-D | 140 | 60 |
| C0-02DD2-D | 140 | 0 |
| C0-02DR-D | | |
| Ethernet Basic PLC Units | | |
| C0-10DD1E-D | 120 | 60 |
| C0-10DD2E-D | 120 | 0 |
| C0-10DRE-D | | |
| C0-10ARE-D | | |
| Ethernet Standard PLC Units | | |
| C0-11DD1E-D | 140 | 60 |
| C0-11DD2E-D | 140 | 0 |
| C0-11DRE-D | | |
| C0-11ARE-D | | |

| PLC Current Consumption (mA) | | |
|----------------------------------|---------------------------------|-----------------------------|
| Part Number | Power Budget 24VDC (logic side) | External 24VDC (field side) |
| Ethernet Analog PLC Units | | |
| C0-12DD1E-D | 140 | 60 |
| C0-12DD2E-D | | |
| C0-12DRE-D | 160 | 0 |
| C0-12ARE-D | | |
| C0-12DD1E-1-D | 140 | 60 |
| C0-12DD2E-1-D | | |
| C0-12DRE-1-D | 160 | 0 |
| C0-12ARE-1-D | | |
| C0-12DD1E-2-D | 140 | 60 |
| C0-12DD2E-2-D | | |
| C0-12DRE-2-D | 160 | 0 |
| C0-12ARE-2-D | | |

Power Consumption for CLICK PLUS PLC Units

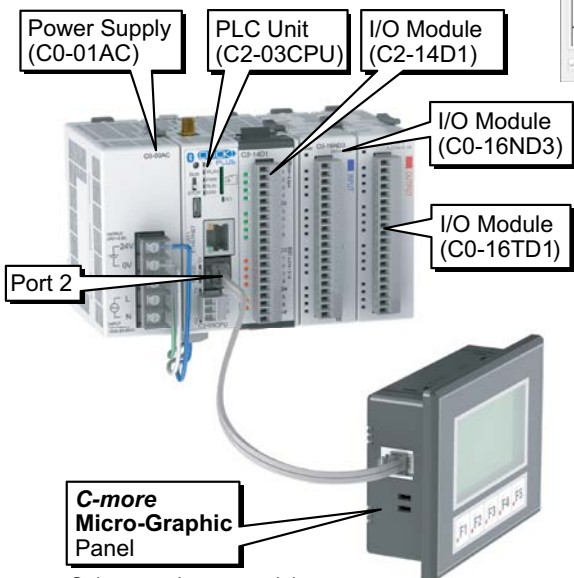
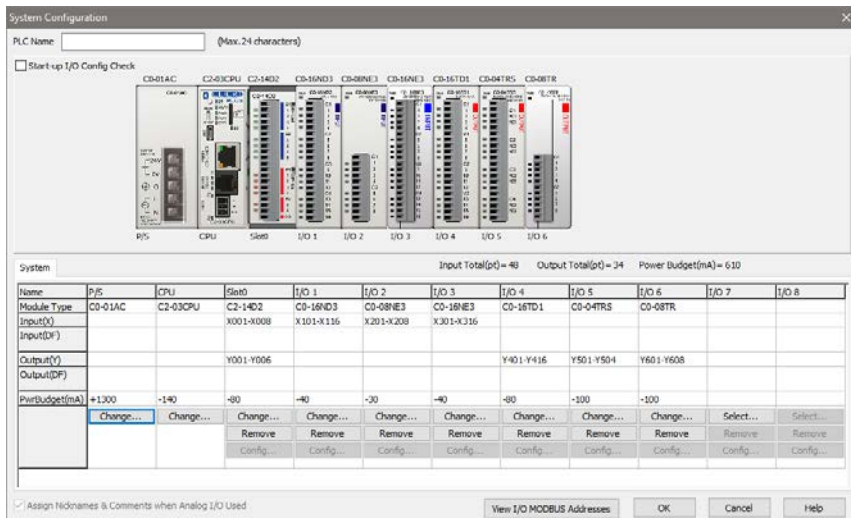
| CLICK PLUS PLC and Option Slot Modules Current Consumption (mA) | | |
|---|---------------------------------|-----------------------------|
| Part Number | Power Budget 24VDC (logic side) | External 24VDC (field side) |
| CLICK PLUS PLCs | | |
| C2-01CPU | 110 | 0 |
| C2-02CPU | 105 | 0 |
| C2-03CPU | 130 | 0 |
| Option Slot I/O Modules | | |
| C2-14D1 | 50 | 60 |
| C2-14D2 | 50 | 0 |
| C2-14DR | 75 | 0 |
| C2-14AR | 75 | 0 |
| C2-08D1-4VC | 80 | 60 |
| C2-08D2-4VC | 80 | 0 |
| C2-08DR-4VC | 100 | 0 |
| C2-08AR-4VC | 100 | 0 |
| C2-08D1-6C | 80 | 60 |
| C2-08D2-6C | 80 | 0 |
| C2-08DR-6C | 100 | 0 |
| C2-08AR-6C | 100 | 0 |
| C2-08D1-6V | 80 | 60 |
| C2-08D2-6V | 80 | 0 |
| C2-08DR-6V | 100 | 0 |
| C2-08AR-6V | 100 | 0 |

Power Budgeting Using the

Power Consumption for CLICK Stackable I/O Modules

| I/O Module Current Consumption (mA) | | |
|-------------------------------------|---------------------------------|-----------------------------|
| Part Number | Power Budget 24VDC (logic side) | External 24VDC (field side) |
| Discrete Input Modules | | |
| C0-08SIM | 50 | 0 |
| C0-08ND3 | 30 | 0 |
| C0-08ND3-1 | 30 | 0 |
| C0-16ND3 | 40 | 0 |
| C0-08NE3 | 30 | 0 |
| C0-16NE3 | 40 | 0 |
| C0-08NA | 30 | 0 |
| Discrete Output Modules | | |
| C0-08TD1 | 50 | 15 |
| C0-08TD2 | 50 | 0 |
| C0-16TD1 | 80 | 100 |
| C0-16TD2 | 80 | 0 |
| C0-08TA | 80 | 0 |
| C0-04TRS | 100 | 0 |
| C0-04TRS-10 | 120 | 0 |
| C0-08TR | 100 | 0 |
| C0-08TR-3 | 90 | 0 |

| I/O Module Current Consumption (continued) (mA) | | |
|---|---------------------------------|-----------------------------|
| Part Number | Power Budget 24VDC (logic side) | External 24VDC (field side) |
| Discrete Combo I/O Modules | | |
| C0-16CDD1 | 80 | 50 |
| C0-16CDD2 | 80 | 0 |
| C0-08CDR | 80 | 0 |
| Analog Input Modules | | |
| C0-04AD-1 | 20 | 65 |
| C0-04AD-2 | 23 | 65 |
| C0-04RTD | 25 | 0 |
| C0-04THM | 25 | 0 |
| Analog Output Modules | | |
| C0-04DA-1 | 20 | 145 |
| C0-04DA-2 | 20 | 85 |
| Analog Combo I/O Modules | | |
| C0-4AD2DA-1 | 25 | 75 |
| C0-4AD2DA-2 | 20 | 65 |
| C-more Micro-Graphic Panel | | |
| Monochrome only | 90 | 0 |



Power Budgeting Example

| Current Consumption (mA) Example | | |
|----------------------------------|---------------------------------|-----------------------------|
| Part Number | Power Budget 24VDC (logic side) | External 24VDC (field side) |
| C2-03CPU | 130 | 0 |
| C2-14D1 | 50 | 60 |
| C0-16ND3 | 40 | 0 |
| C0-16TD1 | 80 | 100 |
| C-more Micro | 90 | 0 |
| Total: | 390 | 160 * |

* Add in calculated load of connected I/O devices.

CLICK Specifications

CLICK PLC Hardware/Software Compatibility

CLICK PLCs require a minimum software version of v2.50 for the PID function. The table below shows the most recent software and hardware versions required for the High-Speed input operation capability to be accessible.

| CLICK PLC Features Software Compatibility | | | | | | | |
|---|--|--------------------------------|-------------------|-------------|-------|-------|-------|
| CPU Type | Part Number | Minimum CLICK Software Version | | | | | |
| | | Hardware | High-Speed Inputs | EtherNet/IP | PID | DHCP | |
| Basic | C0-00DD1-D | v1.00 | N/A | N/A | N/A | N/A | |
| | C0-00DD2-D | | | | | | |
| | C0-00DR-D | | | | | | |
| | C0-00AR-D | | | | | | |
| Standard | C0-01DD1-D | v1.20 | N/A | N/A | N/A | N/A | |
| | C0-01DD2-D | | | | | | |
| | C0-01DR-D | | | | | | |
| | C0-01AR-D | | | | | | |
| Analog | C0-02DD1-D (before SN 171208001) | v1.12 | N/A | N/A | N/A | N/A | |
| | C0-02DD1-D (after SN 171208001) | v2.10 | | | | | |
| | C0-02DD2-D (before SN 174018001) | v1.12 | | | | | |
| | C0-02DD2-D (after SN 174018001) | v2.10 | | | | | |
| | C0-02DR-D (before SN 173158001) | v1.12 | | | | | |
| | C0-02DR-D (after SN 173158001) | v2.10 | | | | | |
| Ethernet CPUs Ethernet CPUs require v2.40 for EtherNet/IP communications | | | | | | | |
| Ethernet Basic | C0-10DD1E-D | v2.00 | v2.30 | v2.40 | v2.50 | v3.00 | |
| | C0-10DD2E-D | | | | | | |
| | C0-10DRE-D | | N/A | | | | |
| | C0-10ARE-D | | | | | | |
| Ethernet Standard | C0-11DD1E-D | v2.00 | v2.30 | v2.40 | v2.50 | v3.00 | |
| | C0-11DD2E-D | | | | | | |
| | C0-11DRE-D | | N/A | | | | |
| | C0-11ARE-D | | | | | | |
| Ethernet Analog | C0-12DD1E-D | v2.20 | v2.30 | v2.40 | v2.50 | v3.00 | |
| | C0-12DD2E-D | | | | | | |
| | C0-12DRE-D | | N/A | | | | |
| | C0-12ARE-D | | | | | | |
| | C0-12DD1E-1-D | | v2.30 | | | | |
| | C0-12DD2E-1-D | | | | | | |
| | C0-12DRE-1-D | | N/A | | | | |
| | C0-12ARE-1-D | | | | | | |
| | C0-12DD1E-2-D | | v2.30 | | | | |
| | C0-12DD2E-2-D | | | | | | |
| | C0-12DRE-2-D | | N/A | | | | |
| C0-12ARE-2-D | | | | | | | |
| I/O Modules | C0-08NE3 | v1.20 | N/A | N/A | N/A | N/A | |
| | C0-16NE3 | | | | | | |
| | C0-04AD-1 | v1.40 | | | | | |
| | C0-04AD-2 | | | | | | |
| | C0-04DA-1 | | | | | | |
| | C0-04DA-2 | | | | | | |
| | C0-4AD2DA-1 | | | | | | |
| | C0-4AD2DA-2 | | | | | | |
| | C0-04RTD | | | | | | |
| | C0-04THM | | | | | | |
| | C0-08CDR | | | | | | |
| | C0-16CDD1 | | | | | | |
| | C0-16CDD2 | | | | | | |
| | Other modules | | | | | | v1.00 |

ZIPLINK™ Wiring System for CLICK PLC Family

AutomationDirect.com

Wiring Solutions using the ZIPLink Wiring System

ZIPLinks eliminate the normally tedious process of wiring between devices by utilizing prewired cables and DIN rail mount connector modules. It's as simple as plugging in a cable connector at either end or terminating wires at only one end. Prewired cables keep installation clean and efficient, using half the space at a fraction of the cost of standard terminal blocks.

ZIPLinks are available in a variety of styles to suit your needs, including feedthrough connector module. **ZIPLinks** are available for all Basic, Standard and Ethernet CLICK PLC units, select CLICK PLUS option slot modules, and most discrete and analog stackable I/O modules. Pre-printed I/O-specific adhesive label strips for quick marking of **ZIPLink** modules are provided with **ZIPLink** cables.



Solution 1: CLICK PLC, CLICK PLUS PLC with Option Slot Module, and Stackable I/O Modules to ZIPLink Connector Modules

When looking for quick and easy I/O-to-field termination, a **ZIPLink** connector module used in conjunction with a prewired **ZIPLink** cable, consisting of an I/O terminal block at one end and a multi-pin connector at the other end, is the best solution.

Use the "CLICK PLC PLC Unit **ZIPLink** Selector" table and CLICK I/O **ZIPLink** selector tables located in this section:

- Locate your PLC or I/O module.
- Select a **ZIPLink** Module.
- Select a corresponding **ZIPLink** Cable.

Solution 2: CLICK/CLICK PLUS PLC I/O to 3rd Party Devices

When wanting to connect PLC I/O (built-in, option slot module, or stackable) to another device within close proximity, no extra terminal blocks are necessary when using the **ZIPLink** Pigtail Cables. **ZIPLink** Pigtail Cables are prewired to an I/O terminal block with color-coded pigtail with soldered-tip wires on the other end.

Use the I/O Modules to 3rd Party Devices selector tables located in the **ZIPLink** section:

- Locate your PLC or I/O module.
- Select a **ZIPLink** Pigtail Cable that is compatible with your 3rd party device



Solution 3: GS Series and DuraPulse Drives Communication Cables

Need to communicate via Modbus RTU to a drive or a network of drives?

ZIPLink cables are available in a wide range of configurations for connecting to PLCs and SureServo, SureStep, Stellar Soft Starter and AC drives. Add a **ZIPLink** communications module to quickly and easily set up a multi-device network.

Use the Drives Communication selector tables located in the **ZIPLink** section:

- Locate your Drive and type of communications.
- Select a **ZIPLink** cable and other associated hardware.



Solution 4: Serial Communications Cables

ZIPLink offers communications cables for use with CLICK PLCs and select CLICK PLUS PLCs that can also be used with other communications devices. Connections include a 6-pin RJ12 connector which can be used in conjunction with the RJ12 Feedthrough module.

Use the Serial Communications Cables selector table located in the **ZIPLink** section:

- Locate your connector type
- Select a cable.





Wiring System for CLICK PLC Family

CLICK PLC & CLICK PLUS Option Slot ZIPLink Selector

| PLC or Option Slot Module | | ZIPLink | | | |
|--|-------------------------------|------------|-------------|-------------------------|------------------|
| CLICK PLC Unit | CLICK PLUS Option Slot Module | # of Terms | Component | Module Part No. | Cable Part No. |
| C0-00DD1-D | NA | 20 | Feedthrough | ZL-RTB20, ZL-RTB20-1 | ZL-C0-CBL20 * |
| C0-00DD2-D | NA | | | | |
| C0-00DR-D | NA | | | | |
| C0-00AR-D | NA | | | | |
| C0-01DD1-D | NA | | | | |
| C0-01DD2-D | NA | | | | |
| C0-01DR-D | NA | | | | |
| C0-01AR-D | NA | | | | |
| C0-02DD1-D | NA | | | | |
| C0-02DD2-D | NA | | | | |
| No ZIPLinks are available for CLICK Analog PLC units. | | | | | |
| C0-02DR-D | NA | 20 | Feedthrough | ZL-RTB20, ZL-RTB20-1 | ZL-C0-CBL20 * |
| C0-10DD1E-D | NA | | | | |
| C0-10DD2E-D | NA | | | | |
| C0-10DRE-D | NA | | | | |
| C0-10ARE-D | NA | | | | |
| C0-11DD1E-D | C2-14D1 | | | | |
| C0-11DD2E-D | C2-14D2 | | | | |
| C0-11DRE-D | C2-14DR | | | | |
| C0-11ARE-D | C2-14AR | | | | |
| C0-12DD1E-D | C2-08D1-4VC | | | | |
| No ZIPLinks are available for CLICK Ethernet Analog PLC units or CLICK PLUS Option Slot Modules with analog I/O. | | | | | |
| C0-12DD2E-D | C2-08D2-4VC | | | | |
| C0-12DRE-D | C2-08DR-4VC | | | | |
| C0-12ARE-D | C2-08AR-4VC | | | | |
| C0-12DD1E-1-D | C2-08D1-6C | | | | |
| C0-12DD2E-1-D | C2-08D2-6C | | | | |
| C0-12DRE-1-D | C2-08DR-6C | | | | |
| C0-12ARE-1-D | C2-08AR-6C | | | | |
| C0-12DD1E-2-D | C2-08D1-6V | | | | |
| C0-12DD2E-2-D | C2-08D2-6V | | | | |
| C0-12DRE-2-D | C2-08DR-6V | | | | |
| C0-12ARE-2-D | C2-08AR-6V | | | | |

Table Notes:

- * Select the cable length by replacing the * with: Blank = 0.5 m, -1 = 1.0 m, or -2 = 2.0 m.
- 1 Note: The C0-04TRS relay output is derated not to exceed 2A per point maximum when used with the ZIPLink wiring system.
- 2 Note: Fuses (5 x 20 mm) are not included. See Edison Electronic Fuse section for (5 x 20 mm) fuse. S500 and GMA electronic circuit protection for fast-acting maximum protection. S506 and GMC electronic circuit protection for time-delay performance. Ideal for inductive circuits. To ensure proper operation, do not exceed the voltage and current rating of ZIPLink module. ZL-RFU20 = 2A per circuit.

CLICK/CLICK PLUS PLC Discrete Input Module ZIPLink Selector

| I/O Module | | ZIPLink | | |
|--------------|--------------------------|-------------|-----------------|----------------|
| Input Module | # of Terms | Component | Module Part No. | Cable Part No. |
| C0-08SIM | Not supported by ZIPLink | | | |
| C0-08ND3 | 11 | Feedthrough | ZL-RTB20 | ZL-C0-CBL11 * |
| C0-08ND3-1 | | | | |
| C0-08NE3 | | | | |
| C0-08NA | | | | |
| C0-16ND3 | 20 | Feedthrough | ZL-RTB20 | ZL-C0-CBL20 * |
| | | Sensor | ZL-LTB16-24-1 | |
| C0-16NE3 | 20 | Feedthrough | ZL-RTB20 | |
| | | Sensor | ZL-LTB16-24-1 | |

CLICK/CLICK PLUS PLC Discrete Output Module ZIPLink Selector

| I/O Module | | ZIPLink | | |
|---------------|--------------------------|------------------|-----------------|----------------|
| Output Module | # of Terms | Component | Module Part No. | Cable Part No. |
| C0-08TD1 | 11 | Feedthrough | ZL-RTB20 | ZL-C0-CBL11 * |
| C0-08TD2 | | | | |
| C0-08TR | | | | |
| C0-08TR-3 | Not supported by ZIPLink | | | |
| C0-08TA | | | | |
| C0-16TD1 | 20 | Feedthrough | ZL-RTB20 | ZL-C0-CBL20* |
| | | Fuse | ZL-RFU20 2 | |
| | | Relay (sinking) | ZL-RRL16-24-1 | |
| C0-16TD2 | 20 | Feedthrough | ZL-RTB20 | |
| | | Fuse | ZL-RFU20 2 | |
| | | Relay (sourcing) | ZL-RRL16-24-2 | |
| C0-04TRS1 | 20 | Feedthrough | ZL-RTB20 | ZL-C0-CBL20* |
| C0-04TRS-10 | Not supported by ZIPLink | | | |

CLICK/CLICK PLUS PLC Combo I/O Module ZIPLink Selector

| I/O Module | | ZIPLink | | |
|--------------|------------|-------------|-----------------|----------------|
| Combo Module | # of Terms | Component | Module Part No. | Cable Part No. |
| C0-16CDD1 | 20 | Feedthrough | ZL-RTB20 | ZL-C0-CBL20 * |
| C0-16CDD2 | | | | |
| C0-08CDR | 11 | Feedthrough | ZL-RTB20 | ZL-C0-CBL11 * |

CLICK/CLICK PLUS PLC Analog I/O Module ZIPLink Selector

| I/O Module | | ZIPLink | | |
|---------------|------------|---|-----------------|----------------|
| Analog Module | # of Terms | Component | Module Part No. | Cable Part No. |
| C0-04AD-1 | 11 | Feedthrough | ZL-RTB20 | ZL-C0-CBL11 * |
| C0-04AD-2 | 11 | Feedthrough | ZL-RTB20 | ZL-C0-CBL11 * |
| C0-04RTD | 20 | No ZIPLinks are available for RTD and thermocouple modules. | | |
| C0-04THM | 11 | | | |
| C0-04DA-1 | 11 | Feedthrough | ZL-RTB20 | ZL-C0-CBL11 * |
| C0-04DA-2 | 11 | Feedthrough | ZL-RTB20 | ZL-C0-CBL11 * |
| C0-4AD2DA-1 | 20 | Feedthrough | ZL-RTB20 | ZL-C0-CBL20 * |
| C0-4AD2DA-2 | 20 | Feedthrough | ZL-RTB20 | ZL-C0-CBL20 * |